**EAST Search History**

**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| S1 | 33 | ((DIRK) near2 (SCHMIDT)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/04 17:50 |
| S2 | 52 | ((DIRK) near2 (SCHMIDT)).INV. | EPO; JPO; DERWENT | ADJ | ON | 2008/12/04 17:50 |
| S3 | 41 | ((JOSE) near2 (ALGUERA)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/04 17:51 |
| S4 | 0 | ((JOSE) near2 (ALGUERA)).INV. | EPO; JPO; DERWENT | ADJ | ON | 2008/12/04 17:51 |
| S5 | 77 | ((FAN) near2 (ZHANG)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/04 17:51 |
| S6 | 48 | ((FAN) near2 (ZHANG)).INV. | EPO; JPO; DERWENT | ADJ | ON | 2008/12/04 17:51 |
| S7 | 1 | ((HEINZ-JURGEN) near2 (SEIGIS)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/04 17:51 |
| S8 | 0 | ((HEINZ-JURGEN) near2 (SEIGIS)).INV. | EPO; JPO; DERWENT | ADJ | ON | 2008/12/04 17:51 |
| S9 | 39 | ((WOLFGANG) near2 (POHL)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/04 17:51 |
| S10 | 59 | ((WOLFGANG) near2 (POHL)).INV. | EPO; JPO; DERWENT | ADJ | ON | 2008/12/04 17:51 |
| S13 | 504 | (280/433).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/05 11:19 |
| S15 | 100 | S13 and (lubricat$4 or oil) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/05 11:22 |
| S16 | 36820 | "184".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/05 14:20 |
| S17 | 8494 | fifth wheel | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/05 14:20 |
| S18 | 13 | S16 and S17 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/05 14:20 |

| S20 | 73 | S13 and hook | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/05 14:38 |
|---|---|---|---|---|---|---|
| S22 | 25 | S13 and hook and (lubricat$4 or grease or oil) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/05 14:39 |
| S23 | 12 | ("3870342" \| "3894676" \| "4236863" "4382100" \| "4428595" \| "4478425" "4592566" \| "4828328" \| "4986923" "5223161" \| "5411281" \| "5746438").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/05 14:56 |
| S24 | 15 | "3530467" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/05 15:15 |
| S26 | 12 | ("3870342" \| "3894676" \| "4236863" "4382100" \| "4428595" \| "4478425" "4592566" \| "4828328" \| "4986923" "5223161" \| "5411281" \| "5746438").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/05 15:17 |
| S28 | 11 | "9401712" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/12/05 16:00 |
| S29 | 31 | ("1465620" \| "1732579" \| "1982093" "2305455" \| "2543784" \| "2823768" "2908898" \| "2914630" \| "3367446" "3463512" \| "3743054" \| "4207564").PN. OR ("5417308"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/12/08 10:00 |
| S30 | 2 | ("2960352").URPN. | USPAT | ADJ | ON | 2008/12/18 18:59 |
| S31 | 4 | "3530467" | FPRS; EPO; DERWENT | ADJ | ON | 2008/12/22 10:02 |
| S32 | 724 | b62d053/08.ipc. | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/21 22:13 |
| S33 | 35 | (jost-werke).as. | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 12:01 |
| S34 | 98 | b62d053/08.ipc. and (lubrica$4 oil grease) | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 15:58 |
| S35 | 0 | ("2008/0185228").URPN. | USPAT | OR | ON | 2009/07/22 16:00 |

| S36 | 48 | b62d053/08.ipc. and (lubrica$4 oil grease) and (hook lock jaw) | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 20:38 |
|-----|-----|-----|-----|-----|-----|-----|
| S37 | 2 | "5667037".pn. "5417308".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 21:04 |
| S38 | 134 | S33 S34 S37 | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 21:08 |
| S39 | 55 | (((DIRK) near2 (SCHMIDT)).INV. ((JOSE) near3 (ALGUERA)).INV. ((FAN) near2 (ZHANG)).INV. ((HEINZ-JURGEN) near2 (SEIGIS)).INV. ((WOLFGANG) near2 (POHL)).INV.) and (fifth adj wheel coupling) not S38 | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 21:08 |
| S40 | 189 | S33 S34 S37 S39 | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 21:15 |
| S41 | 1 | F16N021/00.ipc. and (fifth adj wheel) | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 21:16 |
| S42 | 3 | 184/6.19.ccls. and (fifth adj wheel) | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 21:16 |
| S44 | 189 | S33 S34 S37 S39 S41 S42 | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 21:17 |
| S45 | 7 | "184".clas. and (fifth adj wheel) not S44 | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 21:17 |
| S46 | 196 | S33 S34 S37 S39 S41 S42 S45 | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 21:21 |
| S47 | 6 | (fifth adj wheel) and (hook lock jaw) and (lubricant oil grease) and (ptfe teflon polytetrafluoroethylene) not S46 | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 21:22 |
| S48 | 202 | S33 S34 S37 S39 S41 S42 S45 S47 | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 21:28 |
| S49 | 334 | ((fifth adj wheel) and (hook lock jaw) and (lubricant oil grease)) not S48 | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 21:29 |
| S50 | 95 | ((fifth adj wheel) and (hook lock jaw) same (lubricant oil grease)) not S48 | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 21:29 |
| S51 | 67 | ((fifth adj wheel) and (hook lock jaw) WITH (lubricant oil grease)) not S48 | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 21:29 |
| S52 | 269 | S33 S34 S37 S39 S41 S42 S45 S47 S51 | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 22:20 |
| S54 | 14 | 280/433.ccls. and @pd>="20081224" not S52 | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 22:28 |

| S55 | 283 | S33 S34 S37 S39 S41 S42 S45 S47 S51 S54 | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 22:30 |
|-----|-----|------|------|-----|-----|------|
| S56 | 31 | 280/433.ccls. not S55 and (grease oil lubrica$4) | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 22:31 |
| S57 | 314 | S33 S34 S37 S39 S41 S42 S45 S47 S51 S54 S56 | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 22:53 |
| S58 | 7 | ((fifth adj wheel) and (lock$3) WITH (lubricant oil grease)) not S57 | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 22:54 |
| S59 | 321 | S33 S34 S37 S39 S41 S42 S45 S47 S51 S54 S56 S58 | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/22 22:55 |
| S60 | 25 | 280/434,435,436,437.ccls. and (lubrica$4 oil grease) | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/23 11:34 |
| S61 | 14 | ("3463512" | "3743054" | "3888514" | "4140328").PN. OR ("4477100"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/23 11:38 |
| S62 | 11 | ("1561308" | "1878115" | "4671386" | "5285571" | "5404966" | "5409084" | "5417308").PN. OR ("5667037"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/23 13:01 |
| S64 | 36 | 280/438.1,441.ccls. and (lubrica$4 oil grease) not (S60 S61 S62) | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/23 13:05 |
| S65 | 67 | rockinger.as. | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/23 13:46 |
| S66 | 60 | rockinger.as. and (fifth adj wheel coupling) | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/23 13:46 |
| S67 | 4 | rockinger.as. and (fifth adj wheel) | DERWENT | OR | ON | 2009/07/23 14:12 |
| S68 | 3 | 280/433,434,435,436,437.ccls. and ((telfon ptfe polytetrafluoroethylene) same (hook bar lock$3 latch$3 jaw)) | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/23 15:34 |
| S69 | 25 | (pressure adj sensor) and (variable adj control) and bearing and lubricant | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/23 18:46 |
| S72 | 88 | (pressure adj (sensor activated)) and "184".clas. and bearing and lubricant not S69 | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/23 18:48 |
| S74 | 1 | "5968325".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/23 18:56 |

| S75 | 33 | ("3256504" \| "3374158" \| "3739573" \| "3840454" \| "3870616" \| "4023648" \| "4057479" \| "4146446" \| "4288913" \| "4337140" \| "4414071" \| "4424105" \| "4455358" \| "4534837" \| "4671386" \| "4737257" \| "4784730" \| "5089107" \| "5242565" \| "5395709" \| "5401371" \| "5404966" \| "5527642" \| "5547043" \| "5567284" \| "5585208").PN. OR ("5968325").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/23 19:01 |
| S82 | 5 | (pressure adj sensor) and lubricant and valve and (fifth adj wheel) | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/23 19:39 |
| S83 | 258 | lubricant adj dispenser | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/23 19:49 |
| S84 | 11 | (lubricant adj dispenser) and (pressure adj sensor) | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/23 19:49 |
| S88 | 29 | ("3256504" \| "3374158" \| "3739573" \| "3840454" \| "3870616" \| "4023648" \| "4057479" \| "4146446" \| "4288913" \| "4337140" \| "4414071" \| "4424105" \| "4455358" \| "4534837" \| "4671386" \| "4737257" \| "4784730" \| "5089107" \| "5242565" \| "5395709" \| "5401371" \| "5404966" \| "5527642" \| "5547043" \| "5567284" \| "5585208").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/23 20:14 |
| S91 | 370 | 184/39.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/23 20:31 |
| S92 | 27 | 184/39.ccls. and electr$4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/07/23 20:37 |
| S97 | 3692 | coat$3 and ((molybdenum Mo) with (iron FE) with (nickel Ni)) and (ptfe telfon polytetrafluoroethylene) | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/24 14:08 |
| S98 | 1 | coat$3 and ((molybdenum Mo) with (iron FE) with (nickel Ni)) and (ptfe telfon polytetrafluoroethylene) and (fifth near wheel) | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/24 14:08 |
| S99 | 1052 | coat$3 and ((molybdenum Mo) with (iron FE) with (nickel Ni)) and (ptfe telfon polytetrafluoroethylene) and coupling | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/24 14:08 |
| S100 | 137 | coat$3 same ((molybdenum Mo) with (iron FE) with (nickel Ni)) and (ptfe telfon polytetrafluoroethylene) and coupling | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/24 14:08 |
| S101 | 1 | (slid$3 near coat$3) same ((molybdenum Mo) with (iron FE) with (nickel Ni)) and (ptfe telfon polytetrafluoroethylene) and coupling | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/24 14:11 |
| S104 | 11 | (coat$3) same ((molybdenum Mo) with (iron FE) with (nickel Ni) with layer) and ((ptfe telfon polytetrafluoroethylene) with layer) | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/24 14:12 |

| S105 | 8390 | plasma adj spraying | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/24 14:31 |
| S106 | 854 | (plasma adj spraying) and ((molybdenum Mo) with (iron FE) with (nickel Ni)) | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/24 14:32 |
| S110 | 0 | (plasma adj spraying) and ((molybdenum Mo) with (iron FE) with (nickel Ni)) and (fifth adj wheel) | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/24 14:37 |
| S111 | 269 | (plasma adj spraying) and ((molybdenum Mo) with (iron FE) with (nickel Ni)) and @py<"1995" | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/24 14:37 |
| S113 | 163 | (plasma adj spraying) and ((molybdenum Mo) with (iron FE) with (nickel Ni)) and @py<"1990" and coat$3 | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/24 14:38 |
| S114 | 27 | (plasma adj spraying) and ((molybdenum Mo) with (iron FE) with (nickel Ni)) and @py<"1990" and coat$3 and lubrica$4 | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/24 14:38 |
| S115 | 3 | (plasma adj spraying) and ((molybdenum Mo) with (iron FE) with (nickel Ni)) and @py<"1990" and coat$3 and lubrica$4 and (PFTE teflon $4tetrafluoroethylene) | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/25 15:17 |
| S116 | 3 | "20080271951".pn. "5667037".pn. "6802394".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/25 17:42 |
| S117 | 400 | 184/45.1.ccls. | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/25 17:43 |
| S118 | 0 | 184/45.1.ccls. and (fifth adj wheel) | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/25 17:44 |
| S119 | 7 | 184/45.1.ccls. and (gear) and piston | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/07/25 17:44 |

**7/25/2009 6:13:04 PM**
**C:\ Documents and Settings\ tchau\ My Documents\ EAST\ Workspaces\ 10594866 SYSTEM FOR LUBRICATING A CLOSING MECHANISM, A CLOSING BAR AND CLOSING HOOK.wsp**